

PEO/SYSCOM Commanders Conference 1998



**SFA – FBM
Partnership**

***Polaris to Lunar
Prospector and
Beyond***

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SFA – FBM

Commercial Partnerships



- **March 5, 1998**
 - **Lunar Prospector confirms:
Substantial
quantities of water
exist on the moon**
- **This could not have
happened without
federal, state and
industry partnerships**



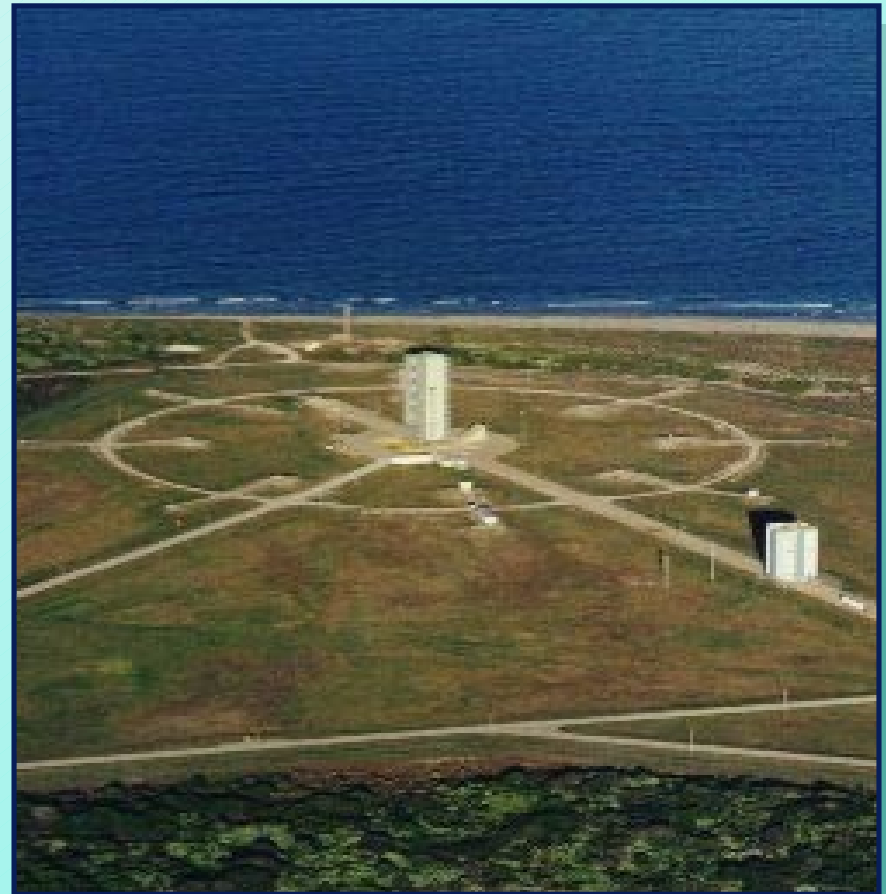


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Commercial Partnerships

Spaceport Florida Background

- Part of Florida government
- Mission: To promote space activity within Florida and the nation
- Method: Provide value added
 - Partnerships, infrastructure, financing, services
- \$100M plus in sponsored projects
- SFA-FBM partnership based on FBM industry partnership experience



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Methodology



- FBM partnership agreement
- Multi-use facilities
- State government as sponsor, broker and facilitator – a matchmaker
- Partnerships with federal, state, local government and commercial organizations
- State provided management and incentives

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Commercial Partnerships

Needs and Challenges for First Launch



- New commercial booster – Thiokol's Castor 120
- Users – Lockheed Martin, Orbital Sciences and others
- No eastern launch site available
- FBM land-based test site (LC-46)
 - Required by SP
 - But no launch utilization projected until after 2004



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Partnerships



- Documented SSP partnership early on
- SSP-SFA partnership for dual-use of LC-46
 - Dual use helps preserves Navy asset
 - Includes ability to launch Trident
- USAF-SFA dual-use grant partnership
 - Federal grant program to build dual-use infrastructure
 - Approval for dual-use on Cape Canaveral
- SFA-commercial partnerships
 - Thiokol, Lockheed Martin, Orbital Sciences, Alliant Techsystems and others
 - Grant matching – requirements and design validation

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Project Implementation



- Designed for multiple vehicles
- Navy infrastructure moved to center of facility
- New launch tower and interchangeable launch mounts
- New connectivity to Eastern Range

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Results



- New launch capability
May 1997
- Available to all
qualified users
- No capital recovery



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Results



- **First launch January 1998**
 - **Lockheed Martin Athena II *Lunar Prospector***
 - **Complete mission success**
- **Future launches**
 - **Commercial communications satellites**
 - **NASA missions**

